

FIG.1

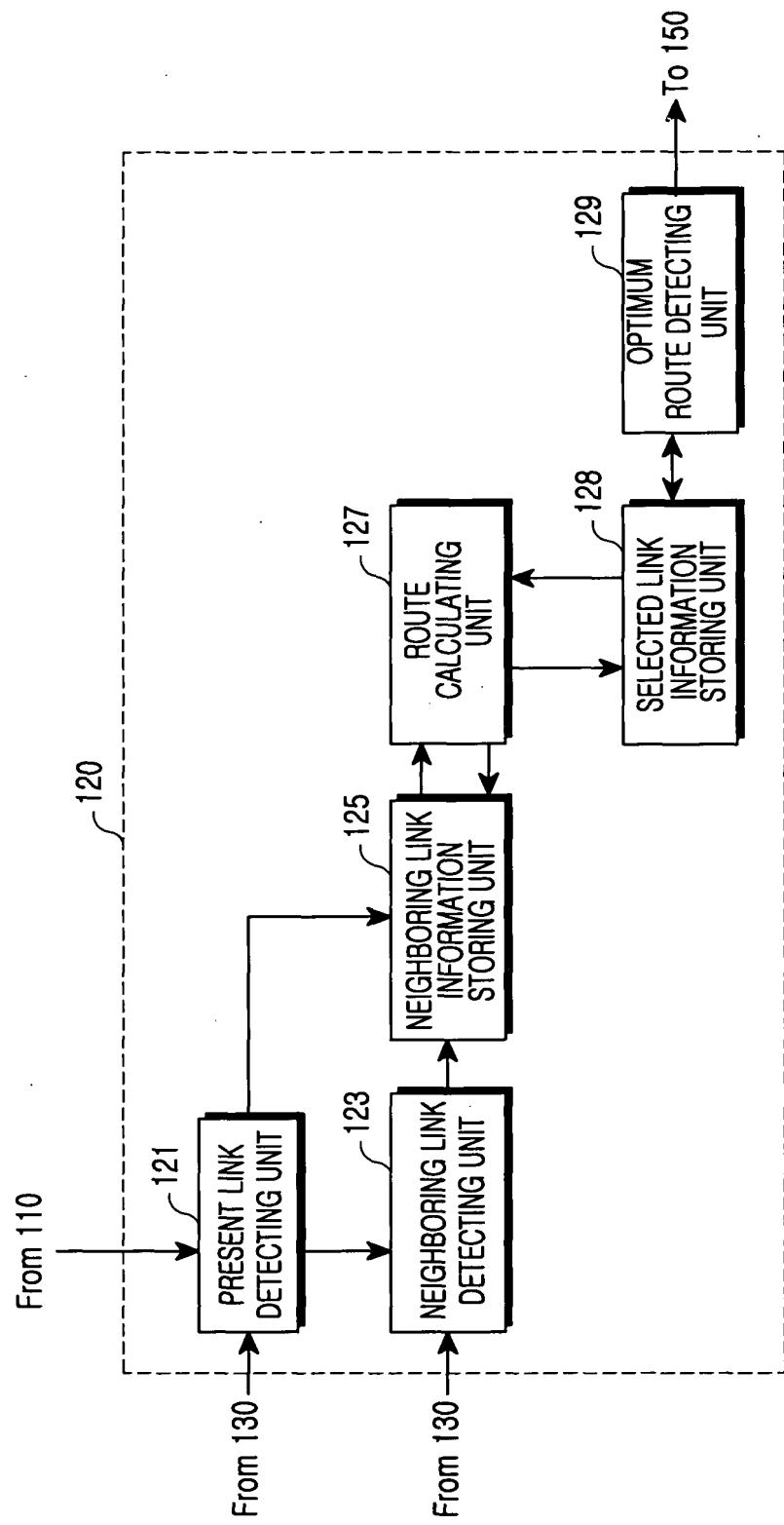


FIG.2

MAP INFORMATION MANAGEMENT DB (10)	
	LINK ID (11)
	DISTANCE (12)
	MEAN TRAVELING SPEED (13)
	DIRECTION INFORMATION (14)

FIG.3A

NEIGHBORING LINK INFORMATION (30)	
	LINK ID (31)
	PREVIOUS LINK ID (32)
	TRAVEL TIME INFORMATION (33)
	VIRTUAL TIME INFORMATION (34)
	FINAL TIME INFORMATION (35)
	CUMULATIVE TIME INFORMATION (36)

FIG.3B

SELECTED LINK INFORMATION (20)	
	LINK ID (21)
	PREVIOUS LINK ID (22)
	CUMULATIVE TIME INFORMATION (23)

FIG.3C

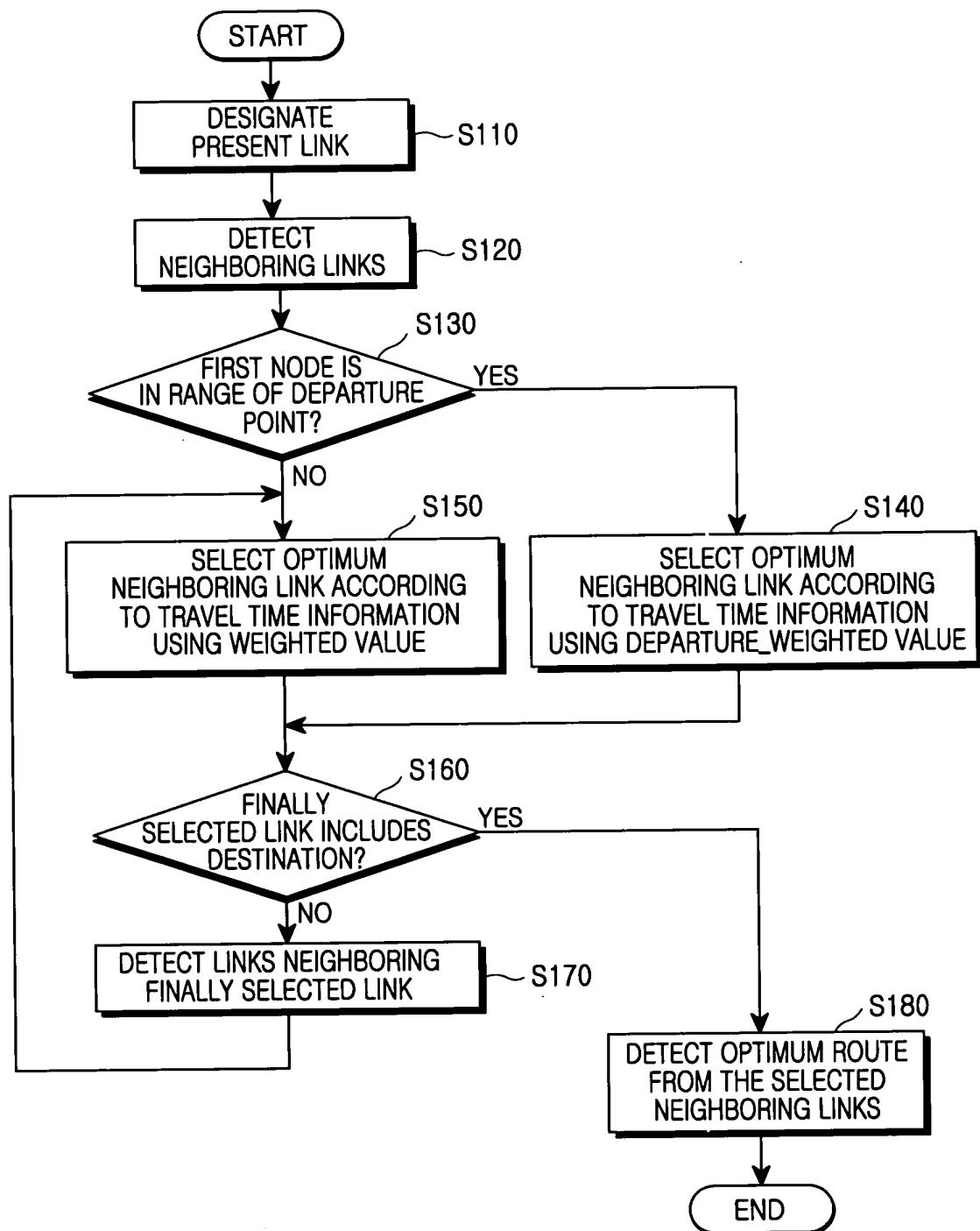


FIG.4

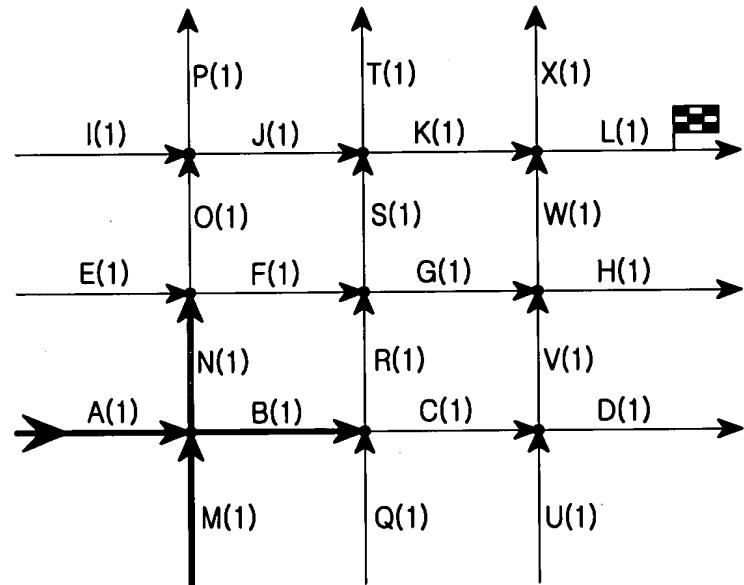


FIG.5

STEP	LINK ID	PREVIOUS LINK ID	CUMULATIVE TIME INFORMATION
STEP1	A	-	1
STEP3	B	A	2
STEP5	C	B	3
STEP7	R	B	5
⋮	⋮	⋮	⋮

FIG.6

L : WEIGHTED VALUE ASSIGNED TO LEFT TURN  
 R : WEIGHTED VALUE ASSIGNED TO RIGHT TURN  
 S : WEIGHTED VALUE ASSIGNED TO STRAIGHT DRIVE  
 LP : WEIGHTED VALUE ASSIGNED TO LEFT TURN AROUND DEPARTURE POINT  
 SP : WEIGHTED VALUE ASSIGNED TO STRAIGHT DRIVE AROUND DEPARTURE POINT  
 RP : WEIGHTED VALUE ASSIGNED TO RIGHT TURN AROUND DEPARTURE POINT

STEP	LINK ID	LINK ID PREVIOUS	TURN INFORMATION	ACTUAL TRAVEL TIME INFORMATION	CUMULATIVE TIME INFORMATION	WEIGHTED VALUE	DEPARTURE WEIGHTED VALUE	LINK VIRTUAL TIME INFORMATION	CUMULATED VIRTUAL TIME INFORMATION	STATE
STEP2	B	A	STRAIGHT DRIVE	1	2	S	SP	1+S+SP	2+S+SP(2)	ADDITION $\rightarrow$ SELECTION
N	A	A	LEFT TURN	1	2	L	LP	1+L+LP	2+L+LP(8)	ADDITION
N	A	A	LEFT TURN	1	2	L	LP	1+L+LP	2+L+LP(8)	ADDITION
STEP4	C	B	STRAIGHT DRIVE	1	3	S	-	1+S	3+2S+SP(3)	ADDITION $\rightarrow$ SELECTION
R	B	B	LEFT TURN	1	3	L	-	1+L	3+L+S+SP(5)	ADDITION
N	A	A	LEFT TURN	1	2	L	LP	1+L+LP	2+L+LP(8)	
STEP6	R	B	LEFT TURN	1	3	L	-	1+L	3+L+S+SP(5)	SELECTION
V	C	C	LEFT TURN	1	4	L	-	1+L	4+L+2S+SP(6)	ADDITION

FIG.7